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PRELIMINARY ASSESSMENT FOR FRANCO REFINERY

CASPER, WYOMING

PREPARED BY: KATIE SEWELL, ENVIRONMENTAL SPECIALIST
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY (WDEQ)
SOLID WASTE MANAGEMENT PROGRAM (SWM)

JUNE 4, 1985

This preliminary assessment was conducted as part of the requirements set forth in a CERCLA 104 grant received by the State of Wyoming from the U.S. Environmental Protection Agency. Information for this assessment was obtained from Bill Rickart with the Texaco Refinery in Casper, an interview with Chuck Morrison of Casper, and two books: When Casper Was A Sunday School Town by Chuck Morrison, and Early Days at Salt Creek and Teapot Dome by Ed Bille.

Casper is a town with a population of about 60,000 located in central Wyoming along the North Platte River. The Franco Refinery was located near South Beverly and 12th Street in Township 33 North, Range 79 West, section 10, Casper, Natrona County, Wyoming. A park, East Junior High School, and a residential area presently occupy the old refinery site. The concrete foundations of the stacks are all that remain of the old refinery.

According to Early Days at Salt Creek and Teapot Dome, the Franco Refinery, Plant 1, was established on June 11, 1912 by French-Belgian interests. The refinery had two 500 barrel per day stills but with limited equipment, found it difficult to meet gasoline specifications of some larger customers. The plant closed after only a few years. Most of the equipment was moved to another Franco Refinery located east of Casper where Amoco Refinery is located today.

CONCLUSION

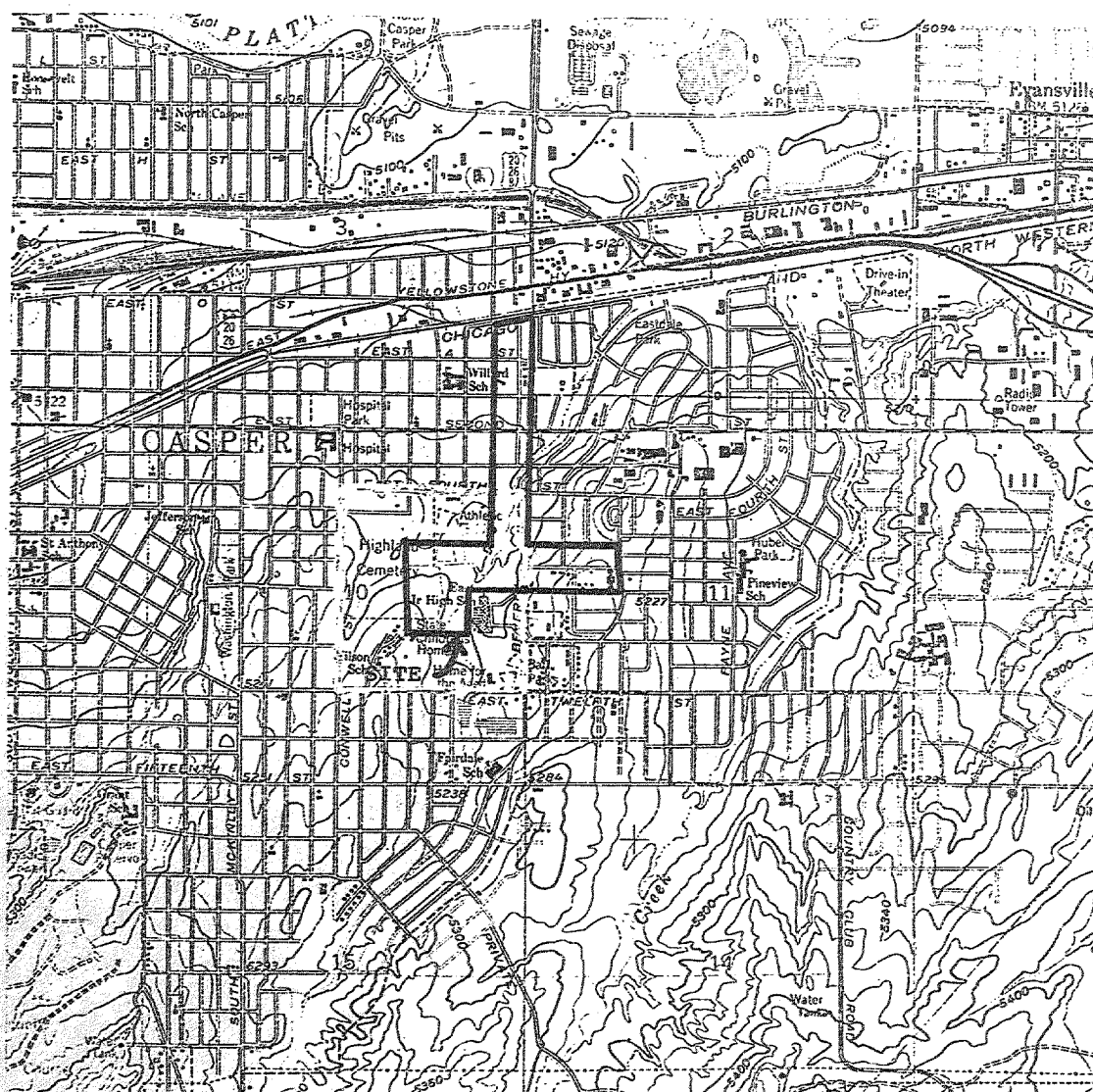
It is recommended that no further work be conducted at the Franco Refinery, Plant 1, at this time. Due to the short period of operation, the small capacity, and the amount of wastes potentially produced, it is unlikely that significant environmental damage has occurred.

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FRANCO REFINERY
CASPER, WYOMING

site location map reference: USGS topo map
1" = 2000' Casper quad

Katie Sewell
June 3, 1985

FRANCO PETRO REFINERY LOOKING WEST FROM BEVERLY STREET

from: When "Casper Was A Sunday School" Town by The Wyoming Antique Press



FRANCO PETRO REFINERY: One of Casper's first oil refineries located between Fourth Street and Beverley and Tenth Streets. It is now a residential area, Prince of Peace Lutheran church, East Junior High


School and city tennis courts and the Lennox Street fire station. Still standing as mute sentinels today are the concrete silos of the refinery stills.

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 POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT				I. IDENTIFICATION 01 STATE 02 SITE NUMBER	
II. SITE NAME AND LOCATION					
01 SITE NAME (Legal, common, or descriptive name of site)			02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER		
Franco Refinery			Beverly and Fourth		
03 CITY		04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY 08 CONG CODE DIST
Casper		WY	82601	Natrona	
09 COORDINATES		09 LONGITUDE			
42°50'40"		106°17'57"			
10 DIRECTIONS TO SITE (Starting from nearest public road)					
the refinery was located between 12th and 4th Streets and west of Beverly Street (see site location map)					
III. RESPONSIBLE PARTIES					
01 OWNER (If known)			02 STREET (Business, mailing, residence)		
City of Casper			200 N. David		
03 CITY		04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER	
Casper		WY	82601	307' 235-8400	
07 OPERATOR (If known and different from owner)			08 STREET (Business, mailing, residence)		
Franco Refinery					
09 CITY		10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER	
				()	
13 TYPE OF OWNERSHIP (Check one)					
<input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input checked="" type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)					
<input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: ____/____/____ <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ <input checked="" type="checkbox"/> C. NONE					
IV. CHARACTERIZATION OF POTENTIAL HAZARD					
01 ON SITE INSPECTION					
<input checked="" type="checkbox"/> YES DATE 4/11/85 <input type="checkbox"/> NO BY (Check all that apply): <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____					
02 SITE STATUS (Check one)		03 YEARS OF OPERATION			
<input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		1912 1915 <input type="checkbox"/> UNKNOWN BEGINNING YEAR ENDING YEAR			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED					
refinery wastes					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION					
unknown					
V. PRIORITY ASSESSMENT					
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)					
<input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)					
VI. INFORMATION AVAILABLE FROM					
01 CONTACT		02 OF (Agency/Organization)		03 TELEPHONE NUMBER	
Chuck Morrison		Historian		307 237-7268	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Katie Sewell		WDEQ	Solid Waste	307 777-7752	6/5/85 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

groundwater is believed to be about 30 feet below ground surface

01 ☐ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

from past disposal activities

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

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EPA		POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT		I. IDENTIFICATION	
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS				01 STATE	02 SITE NUMBER
II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)					
01 <input type="checkbox"/> J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION		02 <input type="checkbox"/> OBSERVED (DATE: _____)		<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (include name(s) of species)		02 <input type="checkbox"/> OBSERVED (DATE: _____)		<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION		02 <input type="checkbox"/> OBSERVED (DATE: _____)		<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> M. UNSTABLE CONTAINMENT OF WASTES (Spills/runoff/standing liquids/leaking drums) 03 POPULATION POTENTIALLY AFFECTED: _____		02 <input type="checkbox"/> OBSERVED (DATE: _____)		<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> N. DAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION		02 <input type="checkbox"/> OBSERVED (DATE: _____)		<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 04 NARRATIVE DESCRIPTION		02 <input type="checkbox"/> OBSERVED (DATE: _____)		<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> P. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION		02 <input type="checkbox"/> OBSERVED (DATE: _____)		<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS					
III. TOTAL POPULATION POTENTIALLY AFFECTED: _____					
IV. COMMENTS					
see narrative					
V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)					
State Engineers Office, Cheyenne WDEQ files					